



Utah Nonpoint Source Water Quality Conference **Festival Hall, 105 North 100 East, Cedar City, UT**

Agenda

CONFERENCE PACKAGE	
NPS CONFERENCE & TOUR	\$150.00
<u>BARBECUE</u>	<u>\$ 20.00</u>
	\$170.00
TOUR - PARTNER	\$ 25.00

“Uniting for Watershed Health”

Tuesday, Sept. 16, 2008

11:00 – 1:00 p.m. Joint Soil Conservation Commission/Water Quality Board Meeting (*Room 7*)
 1:00 – 5:00 p.m. Soil Conservation Commission (*Room 2 & 3*) / Water Quality Board Meeting (*Room 4 & 5*)
 1:00 – 5:00 p.m. Registration – Upper floor, near Meeting Room 7

Registration: Wed., Thurs., Fri.: 6:30 a.m. to 5:30 p.m. (Upper floor, near Meeting Room 7)

Wednesday, Sept. 17, 2008

6:30 – 7:30 a.m. Registration — Upper floor, near Meeting Room 7
 6:30 – 7:30 a.m. Hot Breakfast — *Meeting Room 7*

General Session I – “Uniting for Watershed Health” – Meeting Room 7

8:00 a.m. Welcome & Introductions: Roy Gunnell, Utah Department of Agriculture and Food
 8:15 a.m. Keynote Address: Noelle Cockett, Ph.D., Dean, College of Agriculture,
 Utah State University

“Stronger Programs through Cooperative Relationships”

8:45 a.m. **Partnering for Watershed Health—Panel Discussion**
 Moderator: Kathleen Clarke, Deputy Director, Utah Department of Agriculture and Food
Panel Participants:
 Selma Sierra, State Director, USDI, Bureau of Land Management
 Todd Nielson, Utah State Administrative Officer, USDA, Natural Resources Conservation Service
 Rick Sprott, Executive Director, Utah Department of Environmental Quality

10:00 a.m. Break – Refreshments provided

10:30 a.m. **Concurrent Presentations Session I** (*30 min. each session*)

Track A: *Meeting Room 4*

Moderator: Mike Allred, DEQ/DWQ

- Pollution Trading—Cutler Reservoir/Bear River
 Presenters: James Bowcutt, USU Extension; and Mike Allred, DWQ
- Utah’s Animal Feeding Operation Strategy Update—Statewide Progress, Bear River Examples
 Presenters: Thayne Mickelson, UACD; James Bowcutt, USU; Ray Loveless, UACD and Mark Petersen, UFBF
- Field Drains Identification Project, Cache Valley
 Presenter: Danny McBride, UACD; Taylor Payne, UACD

Track B: *Meeting Room 2*

Moderator: Mike Reichert, DWQ

- Selenium: A tissue based standard for the Great Salt Lake
Presenter: Bill Moellmer, PhD, DWQ
- Mercury in Utah: A reflection of natural occurrences, atmospheric deposition, or in-lake processes?
Presenter: David Naftz, USGS
- Spatially Referenced Statistical Assessment of Dissolved Solids Load Sources and Transport in Streams of the Upper Colorado River Basin
Presenter: Terry Kenney, USGS

Noon Buffet Lunch – *Meeting Room 7*

General Session II – “The Farm Bill and Watershed Management” – Meeting Room 7

1:00 p.m. Todd Nielson, State Conservationist, USDA Natural Resources Conservation Service

“What the Farm Bill means to Utah and to Water Quality”

2:30 p.m. Break – Refreshments provided

3:00 p.m. **Concurrent Presentations Session II** (30 min. each session)

Track A: *Meeting Room 4*

Moderator: W.D. Robinson, UDAF

- Nutrient Cycling in Management Intensive Grazing Systems
Presenter: Rhonda Miller, USU Extension
- USDA Rural Development Water Programs
Presenter: Perry Mathews, USDA Rural Development
- Collaborative Cooperation in the Recovery of the Threatened Utah Prairie Dog
Presenter: Clair Baldwin, Panoramaland RC&D

Track B: *Meeting Room 2*

Moderator: Theron Miller, DWQ

- Designing Monitoring Programs to Evaluate BMP Effectiveness
Presenter: Nancy Mesner, USU, Associate Dean, College of Natural Resources
- Efficient NPS Monitoring: Improve your Potential for Demonstrating Environmental Improvements with Minimal Effort:
Presenter: James Harris and Jeff Ostermiller, DWQ
- TMDL Water Quality Study of New Castle Reservoir
Presenter: Scott Daly, DWQ

4:30 p.m. Adjourn

6:00 p.m. **Barbecue** Main Street Park--Map Available
Catered by Society for Range Management (SRM)

Water Quality Awards Presenter – Nancy Mesner, USU Extension

Thursday, Sept. 18, 2008

6:30 – 7:30 a.m. Registration — Upper floor, near Meeting Room 7

6:30 – 7:30 a.m. Hot Breakfast — Meeting Room 7

General Session III – Tour: This year’s NPS Conference Field Tour will look at catastrophic fire prevention and mitigation

7:45 - 8:00 a.m. Load busses at Festival Hall
Box lunch and breaks provided

6:00 p.m. Busses return to the Festival Hall—Dinner and evening on your own

Friday, Sept. 19, 2008

6:30 – 7:30 a.m. Registration — Upper floor, near Meeting Room 7

6:30 – 7:30 a.m. Hot Breakfast

General Session IV -- Development of Nutrient Criteria for Utah's Waters – Meeting Room 7

8:00 a.m. Welcome and Introductions: Mike Reichert, DWQ
Moderator: Jeffery Ostermiller, Division of Water Quality

Nutrient Processes in Aquatic Ecosystems, Michelle A. Baker, PhD, USU
Nutrient Criteria: A National Perspective, Ephraim King, Director of Office of Science and Technology, USEPA
Developing Defensible Nutrient Criteria: *The Devil is in the Details*, Mike Paul, PhD, Tetra Tech
Nutrient Criteria: Utah's Perspective, Walter Baker, PE, Director, Division of Water Quality

10:00 a.m. Break—Refreshments provided

10:30 a.m. **Concurrent Presentations Session III** (30 min. each session)

Track A: Meeting Room 4 Moderator: Susan Anderson, USU Extension

- Nonpoint Source Financial Assistance Program
Presenter: Shelly Andrews, DWQ
- East Canyon Social Marketing Campaign
Presenter: Jack Wilbur, UDAF
- Watershed Outreach Planning and Assessment Mini Grants
Presenters: Jack Wilbur, UDAF; James Bowcutt, USU Extension and Roger Barton, UACD

Track B: Meeting Room 2 Moderator: Carl Adams, DWQ

- Utah's Storm Water Program: Business and Industry
Presenter: Harry Campbell, DWQ
- Utah's Storm Water Program: Construction
Presenter: Michael George, DWQ
- Long Term Vegetation Changes Affecting Watersheds as Documented by Repeat Photography and Historic Accounts
Presenter: Chad Reid, USU Extension

Noon Adjourn

Transportation Information on Tour — September 18, Thursday

Tour - Busses will leave Festival Hall at 8:00 a.m. and return around 6:00 p.m.

Tour Sites Overview:

The tour this year is looking at catastrophic fire prevention and mitigation.

We'll head west from Cedar City and then south from Enterprise to Central. First we will look at a photopoint study in the Mountain Meadow area showing Pinion/Juniper encroachment and chaining effects from a watershed historical perspective. In the same area we will see how "green stripping" - juniper chaining in rows with back-planting of fire resistant species – provides fire mitigation.

From there we'll head south to the Shivwits area, where a forage koshia reseeding provides grazing value and lessened impact from wildland fire as a replacement species for the invasive "cheatgrass" (downey brome). We'll then travel to an enclosure in the Joshua tree forest and discuss how a similar species – red brome is carrying fire and causing havoc in the hot (Mojave) desert.

Barbecue and Awards Ceremony — September 17, Wednesday

Barbecue & Water Quality Awards Presentations - You will need to provide your own transportation to Main Street Park (across the street from Festival Hall and hotel). The BBQ starts at 6:00 p.m. Dress appropriately for fall weather.

Hotel — YOU NEED TO MAKE YOUR OWN HOTEL RESERVATIONS

Special Lodging Rates: Nonpoint Source Water Quality Conference

A block of rooms is being held at the **Town & Country Motel**. Please call the telephone numbers listed below to make your own reservations. Reservations need to be made as soon as possible, since the block of rooms they are holding for our conference at the state per diem rate, will be released for general sale to the public on September 5, 2008. **Be sure to inform Doris Goodwin that you will be attending the Nonpoint Source Conference.** Doris Goodwin, will be the only person that will take reservations for our conference group. If she is not available when you call, leave her your name and phone number and she will get back to you as soon as possible.

The hotel is holding a block of rooms only until September 5, 2008. If you call for a room(s) after that September 5, and rooms are still available you will still receive \$65.00 + Tax rate.

Conference Hotel

Town & Country Motel
189 N. Main Street
Cedar City, UT 84720
Rooms \$65.00 + tax
(435) 586 9900

Payment Information

Pre-registration is \$150.00 for "Uniting for Watershed Health" NPS Conference and Tour, \$20.00 for Barbecue. Registration for partner or guest is \$25.00 for Tour and \$20.00 for Barbecue. There will be a \$10.00 late fee for all registrations postmarked after September 11, 2008. A registration receipt will be included in your registration packet.

Payment in full or purchase order must accompany registration. Please enclose a company or personal check or a purchase order indicating that payment will follow. **Purchase orders** must be completed in full and signed by the designated fiscal officer. Registrations without fully completed purchase orders will be held for on-site registration with a late registration fee of \$10.00.

Refund Policy

Cancellations must be made in writing. If received by September 8, 2008, refund of registration fees less a \$10.00 administrative fee will be returned. No refunds will be issued after this date. Substitutions are acceptable when requested in writing before the conference or at the on-site registration.

Information on the: *Utah Shakespearean Festival*

The Tony Award-Winning



The fall season will continue September 19 through October 25, 2008, with three plays in the Randall Theatre: Shakespeare's political tragedy "Julius Caesar," the famous melodrama mystery "Gaslight," and a comedy based around the writing of the screenplay for "Gone with the Wind," "Moonlight and Magnolias."

Tickets for the 2008 season go on sale June 21, 2008. You can get your tickets by calling 800-PLAYTIX or by going online to www.bard.org.